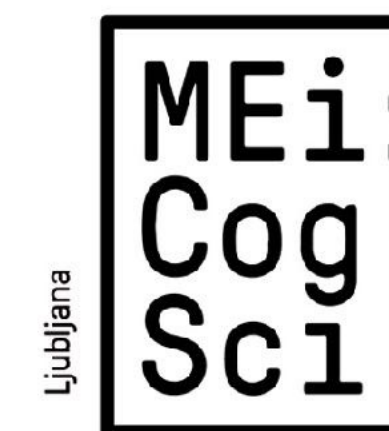


Mobility semester at the University of Ljubljana



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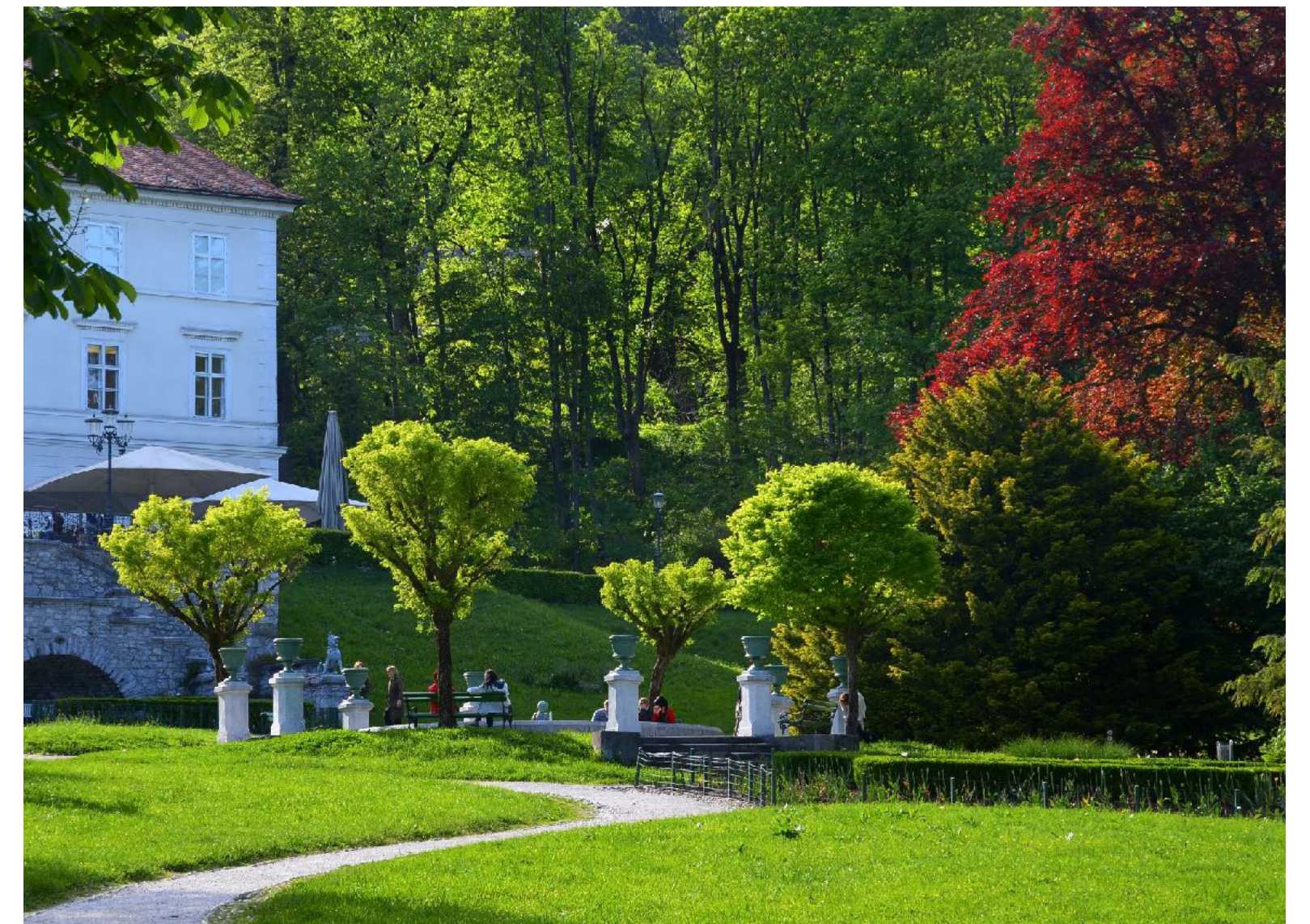
Middle European
interdisciplinary
master's programme in
Cognitive Science



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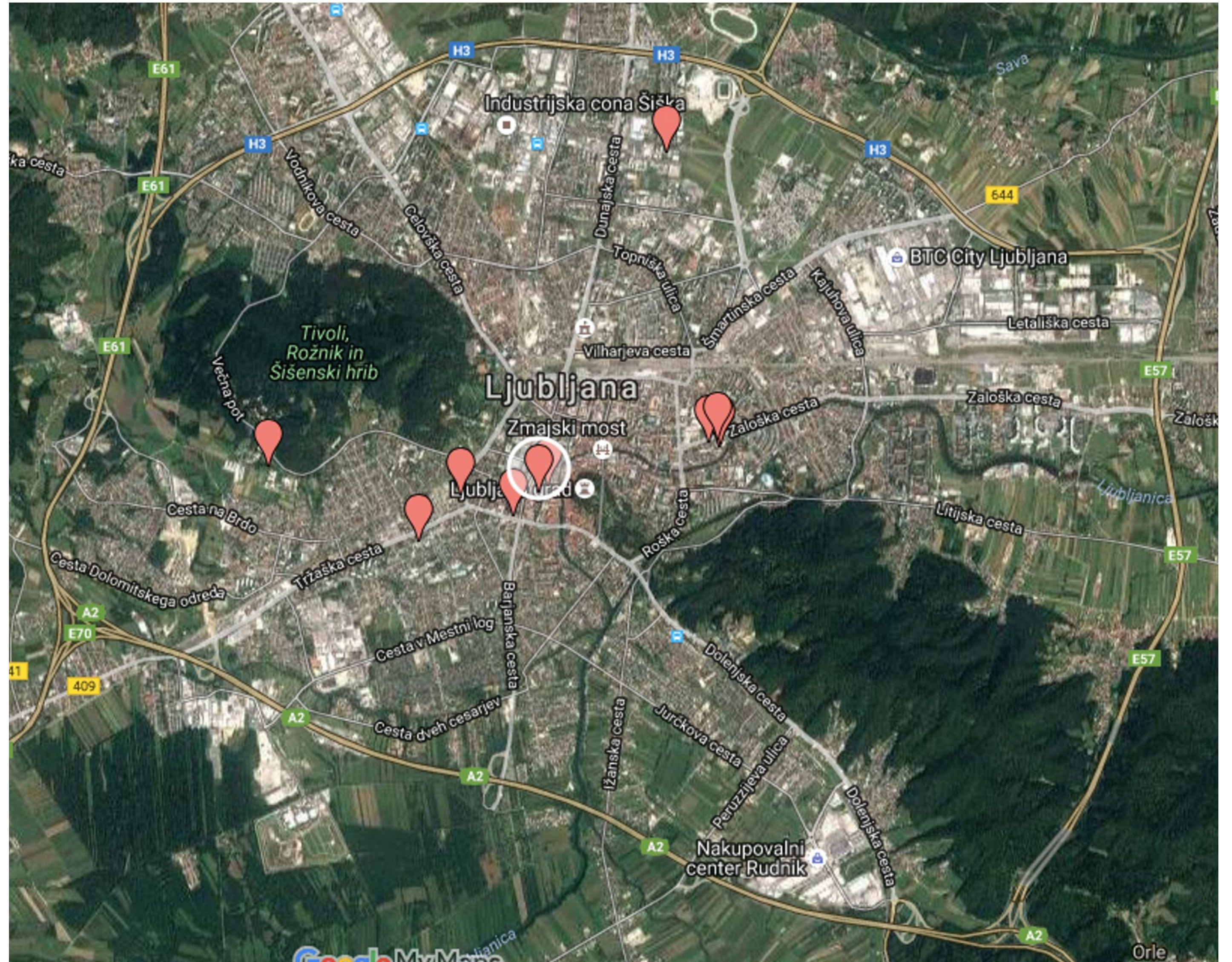


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Cognitive science venues



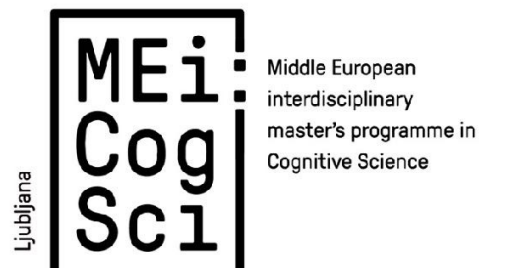
Center for CogSci & Laboratory for Empirical Phenomenology



Mobility projects

- Research coordinator: Anka Slana Ozimič, anka.slanaozimic@ff.uni-lj.si

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- Laboratory for Cognitive Neuroscience, University Medical Centre Ljubljana, Department of Neurology
- Zvezdan Pirtošek
- Contact: Vesna van Midden, vesna.vanmidden@kclj.si
- Studying cognition with EEG/TMS (EEG and TMS Lab), with a focus on neurological and neuropsychiatric disorders

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NEUROLOGY & COGNITIVE NEUROSCIENCE

- Laboratory for Clinical Neuroscience, University Medical Centre Ljubljana, Department of Neurology
- Dejan Georgiev, dejan.georgiev@kclj.si
- Deep brain stimulation and movement disorders
- Neurodegenerative diseases and motor control disorders



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- University Psychiatric Clinic Ljubljana
- Jure Bon: jure.bon@psih-klinika.si
- Studying cognition with EEG and TMS in healthy and psychiatric disorders: e.g., electroencephalographic properties of clinical depression

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... & AI



- Laboratory for Neuromechanics and Biorobotics, Department of Automatics, Biocybernetics, and Robotics, Jožef Stefan Institute
- Jan Babič, jan.babic@ijs.si
- <https://abr.ijs.si/people/jan-babic/>
- Measurement of neural correlates of motor errors in movement learning

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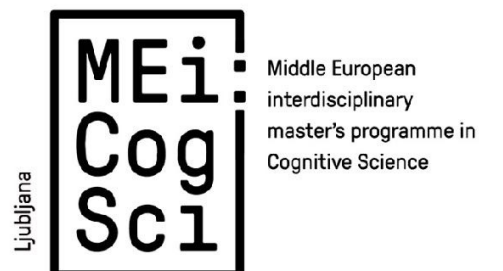


COGNITIVE NEUROSCIENCE & PSYCHOLOGY



- Mind and Brain Lab, Department of Psychology, Faculty of Arts
 - Grega Repovš, Anka Slana Ozimič, Nina Purg ...
 - Contact: anka.slanaozimic@ff.uni-lj.si
 - <http://psy.ff.uni-lj.si/mblab/en>
- Multimodal study of working memory and cognitive control employing EEG, fMRI, eye-tracking and behavioural studies (possible: neurophenomenology of working memory approach)
- Brain connectivity studies: focus on data collection, development of tools for fMRI and EEG functional connectivity analysis, and their application to existing and novel datasets

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NEUROLINGUISTICS

- Department of Comparative and General Linguistics, Faculty of Arts
 - Christina Manouilidou, christina.manouilidou@ff.uni-lj.si
 - Language processing in healthy and brain-damaged population
- Institute for Maternal and Child Health - IRCCS “Burlo Garofolo” - Trieste & Department of Comparative and General Linguistics, Faculty of Arts
 - Amanda Saksida, amanda.saksida@burlo.trieste.it
 - Sound symbolism and sound iconicity in relation to synaesthesia affect how lexicons are built across languages



PSYCHOLOGY



- Department of Psychology, Faculty of Arts
 - Anja Podlesek, Luka Komidar ...
 - Contact: anja.podlesek@ff.uni-lj.si
 - Factors of performance in cognitive tests for measuring executive functions
 - Investigation of changes in cognitive test performance during cognitive training
 - Interactive cognitive training for the elderly (with Andrej Košir, LUCAMI lab, Faculty of Electrical Engineering)

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PSYCHOPHYSIOLOGY

LMK LABORATORIJ
ZA METROLOGIJO
IN KAKOVOST



- Lab for Metrology and Quality, Faculty of Electrical Engineering
- Gregor Geršak, gregor.gersak@fe.uni-lj.si
- https://old.fe.uni-lj.si/en/research/chairs_and_laboratories/laboratories/2008090810033250/

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EMPIRICAL PHENOMENOLOGY



- Laboratory for Empirical Phenomenology, Center for Cognitive Science, Faculty of Education
- Urban Kordeš, Toma Strle, Maruša Sirk (contact: marusa.sirk@pef.uni-lj.si)
- <http://observatory.pef.uni-lj.si>
- Ethnography of everyday experience
- Experience of choice in everyday life
- Potentially also: Experience of space in learning contexts; horizons of observing experience



PHILOSOPHY



- Department of philosophy, Faculty of Arts
 - Olga Markič, olga.markic@ff.uni-lj.si
 - Science, values and society; Cognitive science in the world of sport
 - Sebastjan Vörös, sebastjan.voros@ff.uni-lj.si
 - Francisco Varela's work on life, mind and consciousness
 - Maja Malec, maja.malec@ff.uni-lj.si
 - Philosophy of mind, epistemology

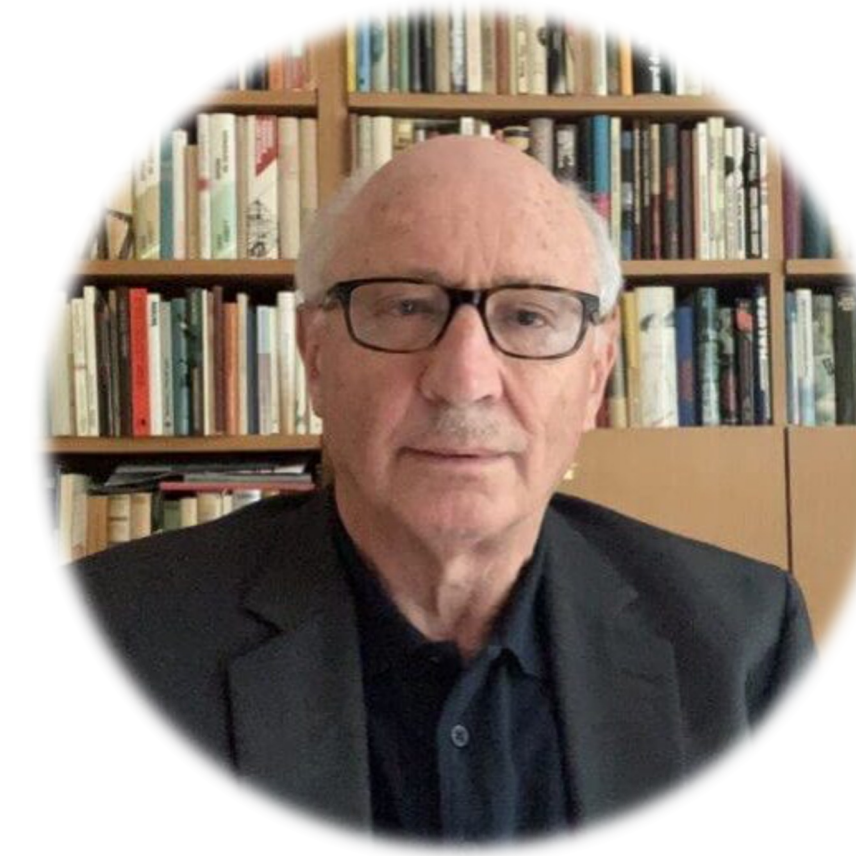


- Department of Philosophy, Faculty of Arts & LMU München
 - Borut Trpin, borut.trpin@gmail.com
 - Computational philosophy; theories of rationality
- Center for Cognitive Science, Faculty of Education
 - Toma Strle, toma.strle@pef.uni-lj.si
 - Decision-making: 4E approaches to DM; everyday DM & existential choice; Green Nudge



COMPUTER SCIENCE & AI

- Faculty of Computer and Information Science
 - Artificial Intelligence Lab
 - Ivan Bratko, ivan.bratko@fri.uni-lj.si
 - Explainable machine learning; Explainable machine problem-solving
 - Laboratory for Cognitive Modelling
 - Marko Robnik Šikonja, robniksikonja@fri.uni-lj.si
 - Machine learning and natural language processing
- Bioinformatics Laboratory,
 - Janez Demšar, janez.demsar@fri.uni-lj.si
 - Machine learning, data mining (Orange) ...



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OTHER TOPICS

- If you don't find a topic of interest, you can send an inquiry to Anka Slana Ozimič (anka.slanaozimic@ff.uni-lj.si).
- Specific topics/projects are dependent also upon ongoing projects in labs during the upcoming mobility semester.



COURSES

- Trends in cognitive science (10 ECTS; Toma Strle, Maruša Sirk)
 - Topic this year: neurophenomenology
- Special topic of interest courses
 - Seminars in clinical neuroscience (5 ECTS; Zvezdan Pirtošek et al.)
 - Psychological theories of rationality: how do humans think, reason and judge (5 ECTS; Borut Trpin)
 - ? Exploring human experience: beliefs, emotions, self (Urban Kordeš, Toma Strle; 5 ECTS)
- Courses at other faculties for mobility students: https://www.uni-lj.si/international_cooperation_and_exchange/



Further info

- Research projects coordinator: Anka Slana Ozimič, anka.slanaozimic@ff.uni-lj.si (for inquiries on other potential project topics)
- Info page for mobility students: <https://www.pef.uni-lj.si/en/degree-students/cognitive-science/meicogsci-mobility-students/>
- International office of the Faculty of Education - Erasmus+ coordinators, mednarodna@pef.uni-lj.si
- Contact Maruša Sirk for other matters concerning mobility, marusa.sirk@pef.uni-lj.si (or toma.strle@pef.uni-lj.si)

